

Fig.1

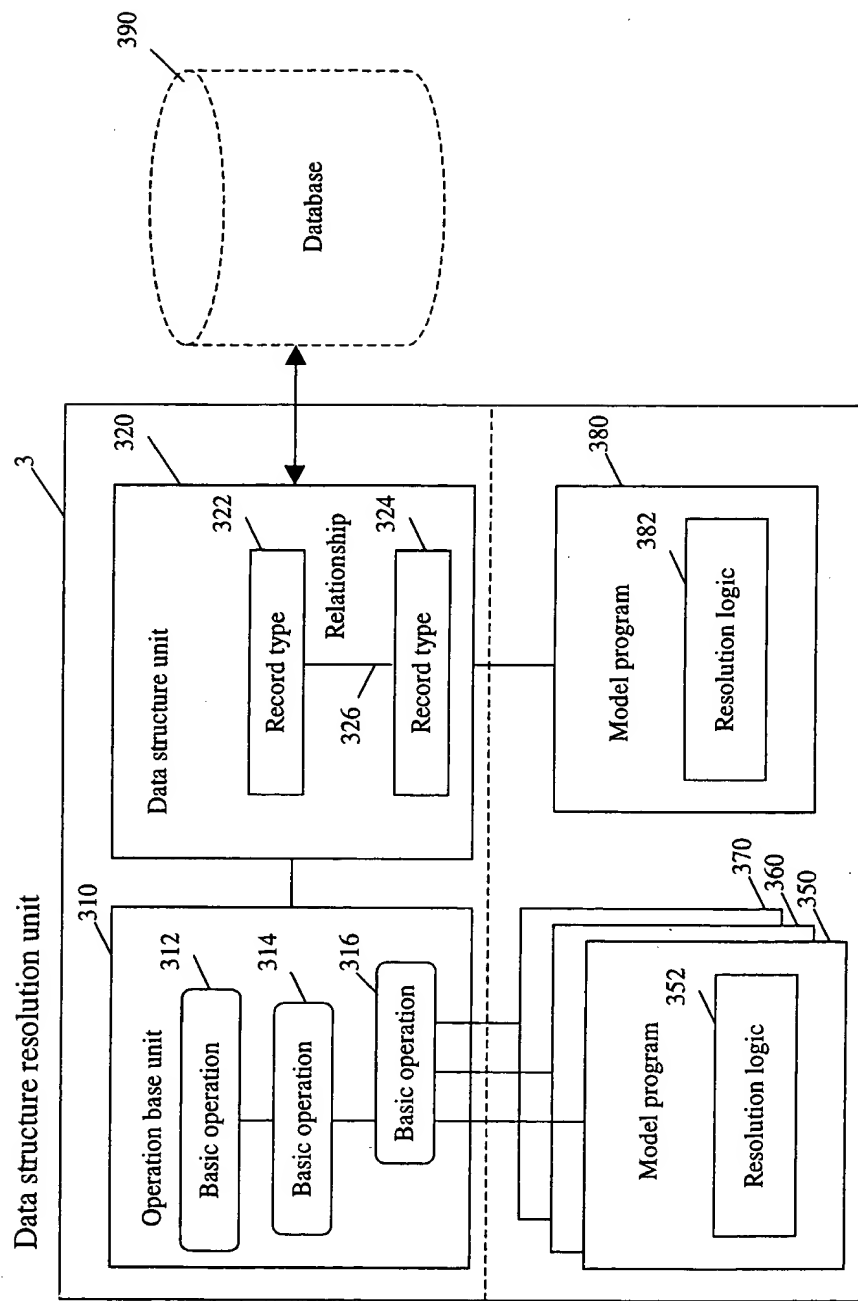


Fig.2

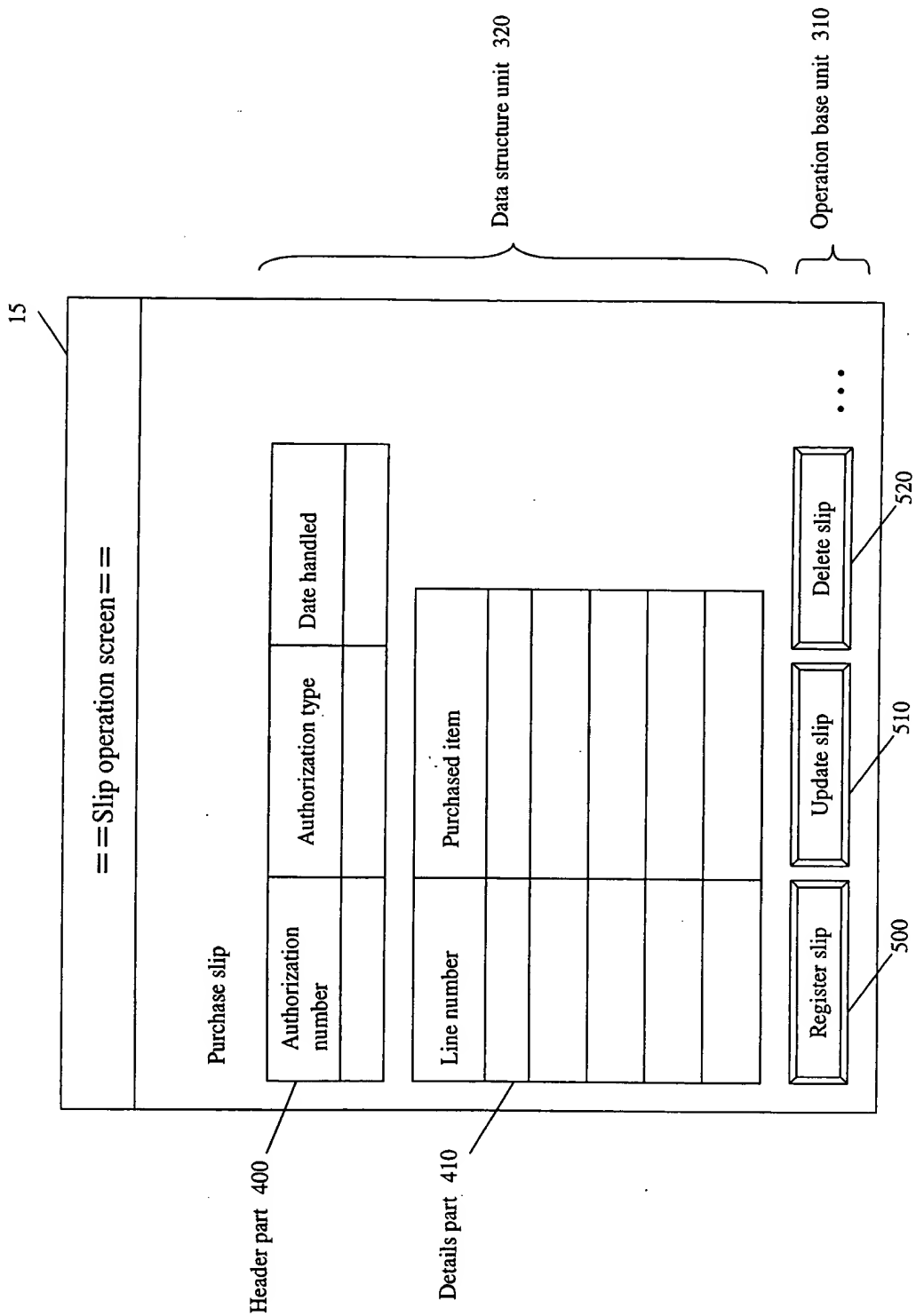


Fig.3

09767857 "012401  
T042T0" 258260

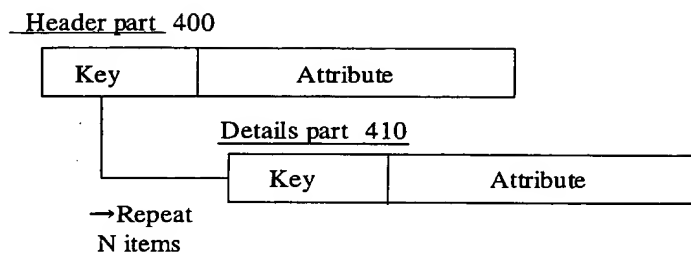


Fig.4

|               | Header part | Details part |
|---------------|-------------|--------------|
| Register slip | Register    | Register     |
| Update slip   | Update      | Update       |
| Add detail    | —           | Register     |
| . . .         | . . .       | . . .        |

Fig.5

```
Model program for slip.update
public void «Operation name»(«Slip name»Msg entityInfo)
throws UserException {
    if(«Updateable state name»){
        mapFrom(entityInfo); //Update of attribute
        setState(«State name after update»); //Setting of state
        «Inherent check»
    }else{
        throw new CAAUserException(«Error Message»);
    }
}
```

Fig.6

## 11a



Fig. 7

== Type selection screen ==

|                            |                        |
|----------------------------|------------------------|
| Simple type                | Plan type              |
| Slip type                  | Seat reservation type  |
| Hierarchy type             | Composition type       |
| Tree type                  | Slip (detail-led) type |
| Stock type                 | Pedigree type          |
| Time band reservation type | Matrix type            |

Return Next Cancel

11b

Fig.8

== First slip type resolution information input screen ==

Slip name : Purchase slip

Return Next Cancel

11c

Fig.9



11e

== Third slip type resolution information input screen ==

Operation name: Authorization by section manager

Corresponding basic operation name:

Update slip ▼

Register slip

Update slip

Delete slip

Cancel

Fig.11

11f

== Fourth slip type resolution information input screen ==

《Operation resolution part》

Updateable state name: Authorization being requested

State name after update: Request for authorization has made

Error message: "This cannot be authorized"

Inherent check:

Authorization type = "Division manager settlement slip"

Return Generate Cancel

Fig.12



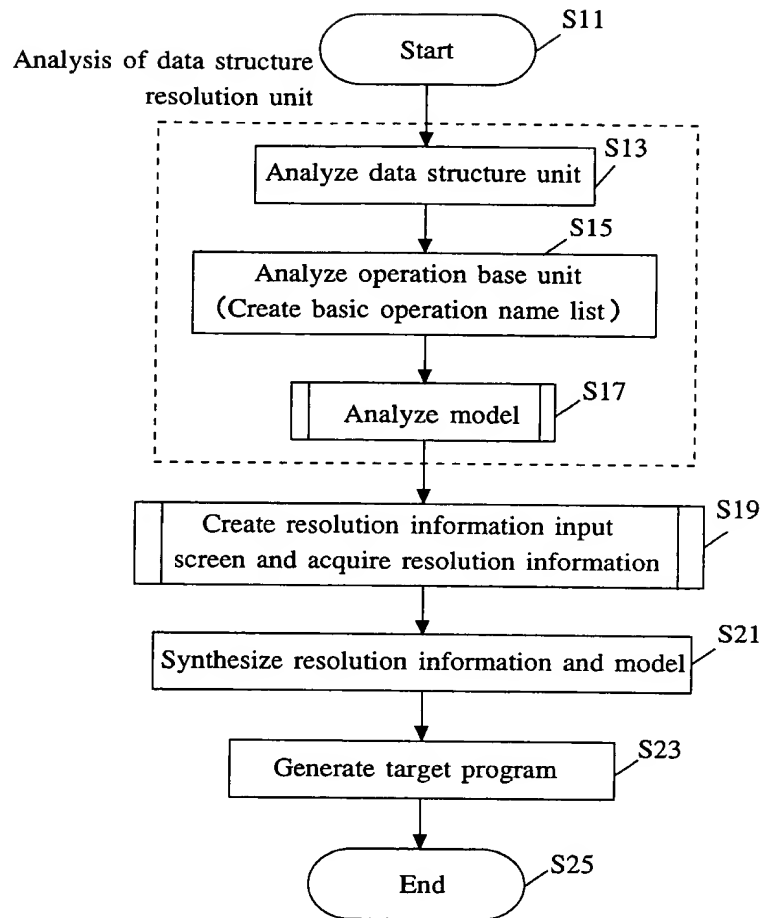


Fig.13

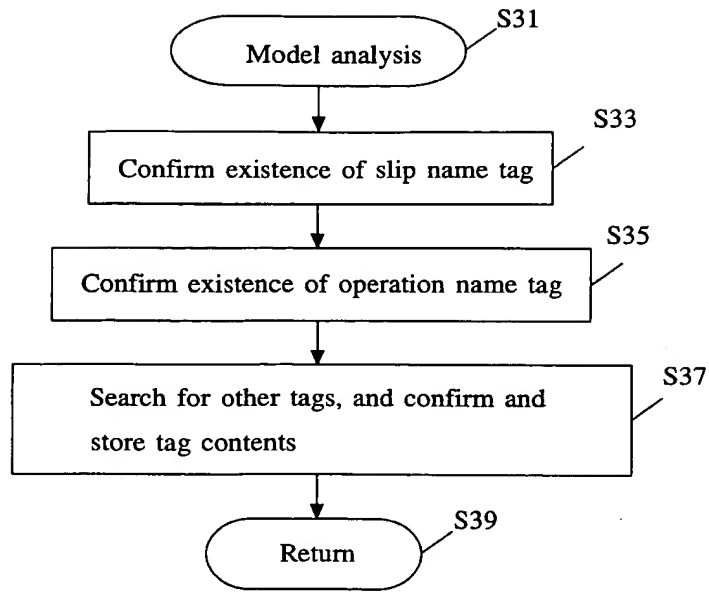


Fig.14

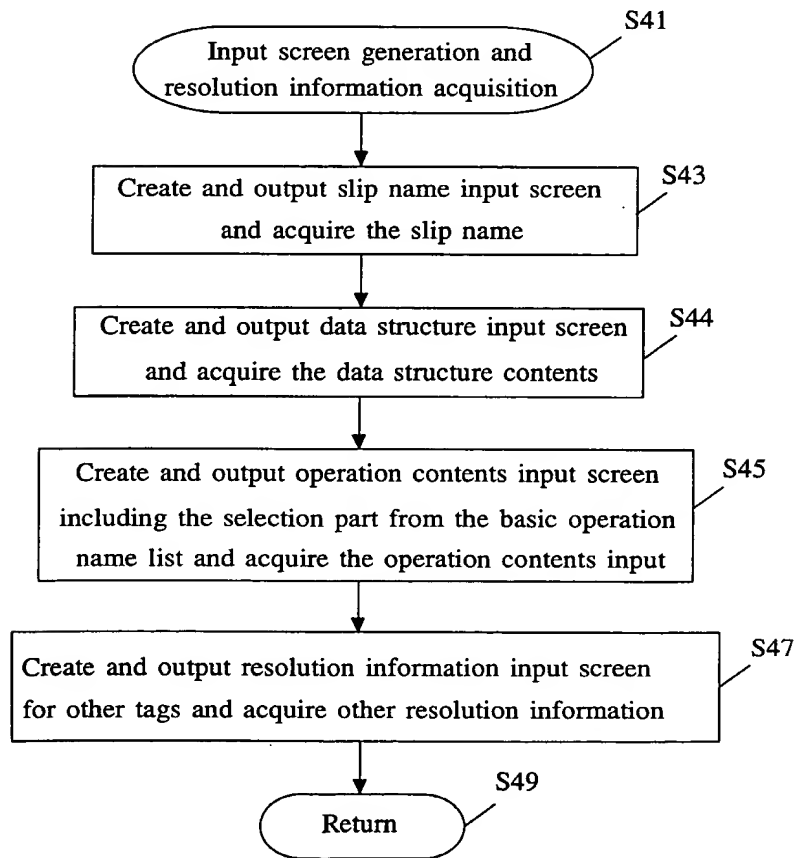


Fig.15

== Slip type resolution information input screen ==

【Data structure resolution part】

Header part

| No | Item name       | Key | Type   |
|----|-----------------|-----|--------|
| 01 | Shipping number | O   | int    |
| 02 | Shipping type   |     | String |
| 03 | Date handled    |     | date   |
| 04 | ...             |     |        |

Details part

| No | Item name       | Key | Type   |
|----|-----------------|-----|--------|
| 01 | Shipping number | O   | int    |
| 02 | Line number     | O   | int    |
| 03 | Product code    |     | String |
| 04 | ...             |     |        |

【Operation resolution part】

Operation name

{Shipping settlement}

Update slip

Logic resolution information

{Shipping request}

Register slip

Updateable state name

{ "Shipping requested" }

State name after update

{ "Shipping settled" }

Error message

{ "There has been no shipping request" }

Inherent check

{Is this shipping slip for shipping in the current month?}

Fig.16

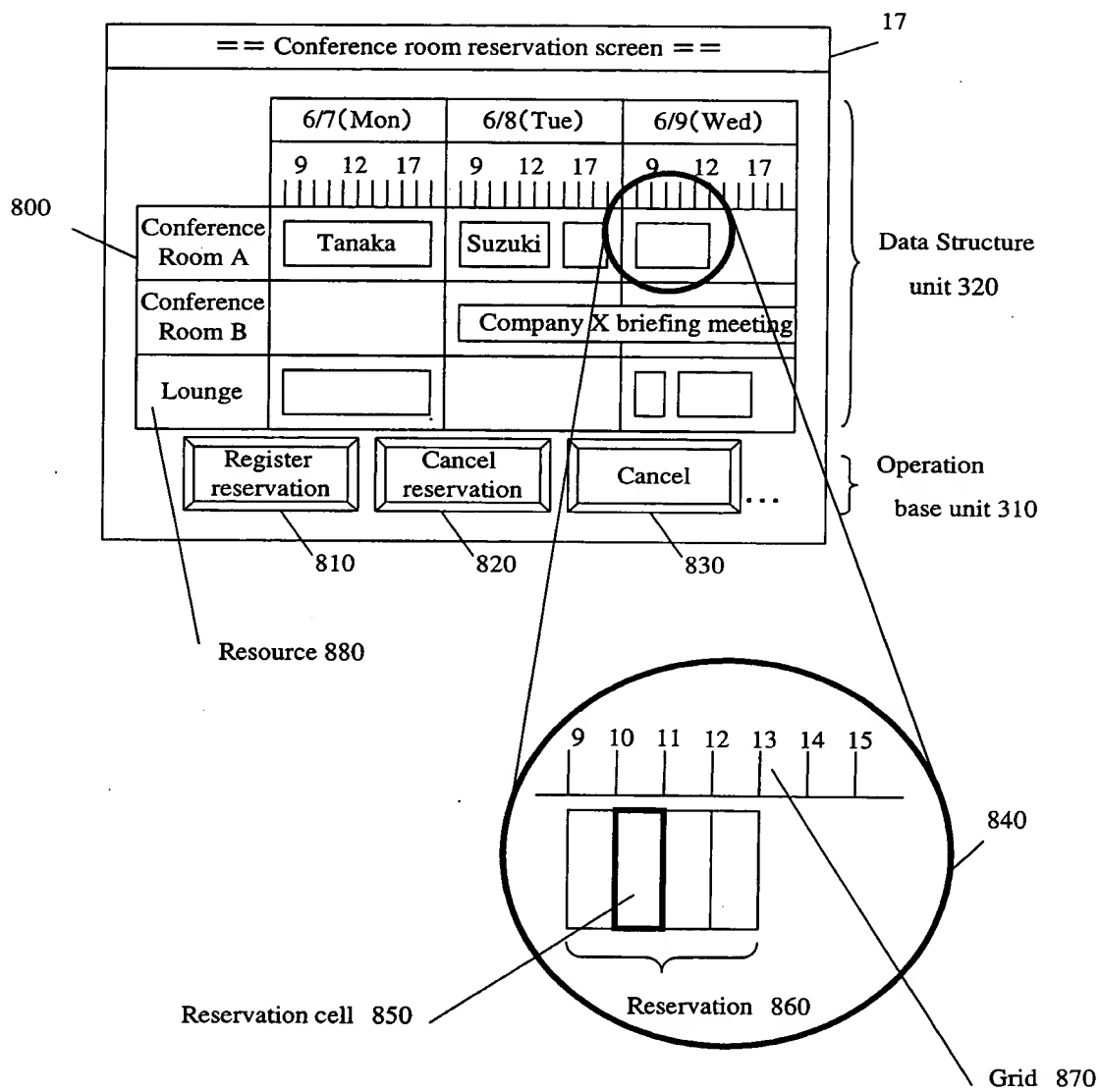


Fig.17

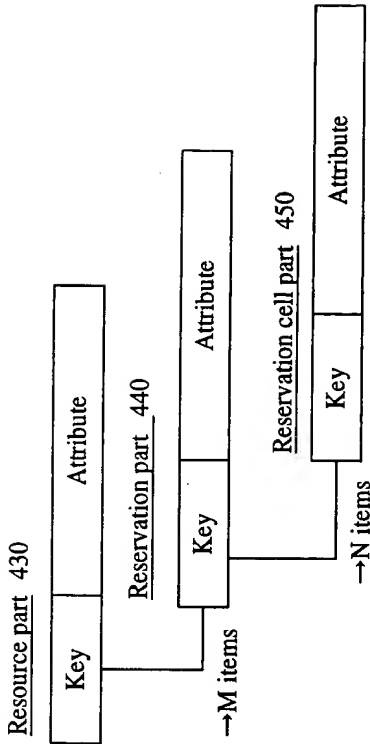


Fig.18

|                                 | Resource part | Reservation part | Reservation cell part |
|---------------------------------|---------------|------------------|-----------------------|
| Register reservation            | Register      | Register         | Register              |
| Cancel reservation              | Delete        | Delete           | Delete                |
| Confirm vacant status           | —             | Search           | —                     |
| Change reserved period          | —             | Update           | Delete/Register       |
| Change reserved resource        | Search        | Update           | Delete/Register       |
| Search by reservation condition | —             | Search           | —                     |
| ...                             | ...           | ...              | ...                   |

Fig.19

## == Resolution information input screen ==

## [Data structure resolution part]

900

Resource part

Resource name

Conference room

| No | Item name              | Key | Type    |
|----|------------------------|-----|---------|
| 01 | Conference room code   | O   | String  |
| 02 | Conference room name   |     | String  |
| 03 | Capacity               |     | int     |
| 04 | TV conference possible |     | boolean |
| 05 | ...                    |     |         |

Reservation part

| No | Item name            | Key | Type   |
|----|----------------------|-----|--------|
| 01 | Reservation number   | O   | int    |
| 02 | Conference room code |     | String |
| 03 | Start date           |     | Date   |
| 04 | Start grid No        |     | int    |
| 05 | ...                  |     |        |

System constants

|                     |        |
|---------------------|--------|
| Maximum grid number | 21     |
| Grid unit name      | "Time" |
| ...                 |        |

910

920

## [Operation resolution part]

930

Operation name

[Reserve conference room]

Register reservation

Logic resolution information

Check of the possible reservation date

[Work day check(Reservation date) = "OK"]

Error message

["The reservation can not be made"]

Inherent check

[Check position(Position code) = "OK"]

[Change conference room]

Change reserved resource

Logic resolution information

Treatment when change is not possible

[Remain original reservation]

Fig.20

|     |           |
|-----|-----------|
| Key | Attribute |
|-----|-----------|

Fig.21

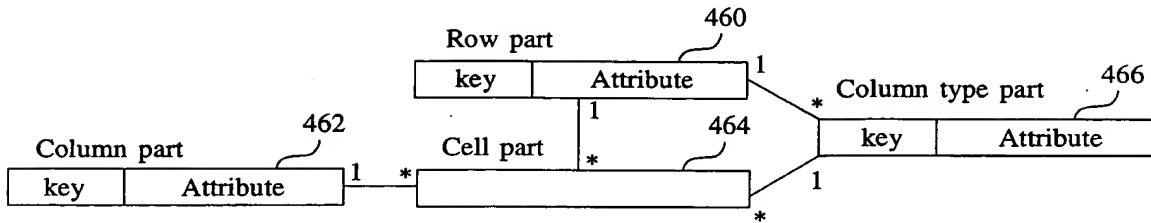


Fig.22

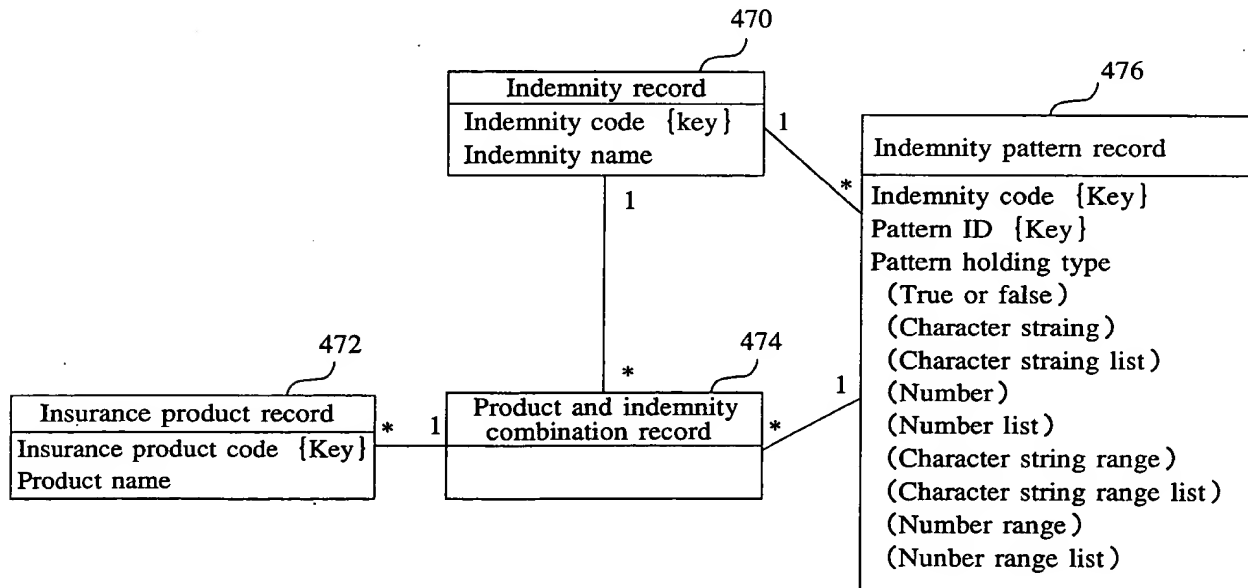


Fig.24

| Insurance<br>Product<br>indemnity | Use and model  | Special non-discharge<br>agreement by age  | Special<br>family<br>bike<br>contract | Uninsured<br>party<br>injury<br>insurance |
|-----------------------------------|--|--|---------------------------------------|---|
|                                   |  |  |                                       |   |
| A                                 | <ul style="list-style-type: none"> <li>• Ordinary private vehicle</li> <li>• Small private vehicle</li> <li>• Light private vehicle</li> <li>• Two-wheeled vehicle</li> <li>• Motorized bicycle</li> </ul> | <ul style="list-style-type: none"> <li>• 21 years</li> <li>• 26 years</li> <li>• 30 years</li> <li>• Age irrelevant</li> </ul> | Yes                                   | Yes                                       |
| B                                 | <ul style="list-style-type: none"> <li>• Ordinary private vehicle</li> <li>• Small private vehicle</li> <li>• Light private vehicle</li> </ul>   | <ul style="list-style-type: none"> <li>• 21 years</li> <li>• 26 years</li> <li>• 30 years</li> <li>• Age irrelevant</li> </ul> | Yes                                   | Yes                                       |
| C                                 | <ul style="list-style-type: none"> <li>• Ordinary private vehicle</li> <li>• Small private vehicle</li> <li>• Light private vehicle</li> </ul>   | <ul style="list-style-type: none"> <li>• 21 years</li> <li>• 26 years</li> <li>• 30 years</li> <li>• Age irrelevant</li> </ul> | Yes                                   | Yes                                       |
| D                                 | <ul style="list-style-type: none"> <li>• Ordinary private vehicle</li> <li>• Small private vehicle</li> <li>• Light private vehicle</li> </ul>   | <ul style="list-style-type: none"> <li>• 21 years</li> <li>• 26 years</li> <li>• 30 years</li> <li>• Age irrelevant</li> </ul> | No                                    | No  |
| E                                 | <ul style="list-style-type: none"> <li>• Ordinary private vehicle</li> <li>• Small private vehicle</li> <li>• Light private vehicle</li> <li>• Two-wheeled vehicle</li> <li>• Motorized bicycle</li> </ul> | <ul style="list-style-type: none"> <li>• 50 years</li> </ul>   | No                                    | No  |

Fig.23



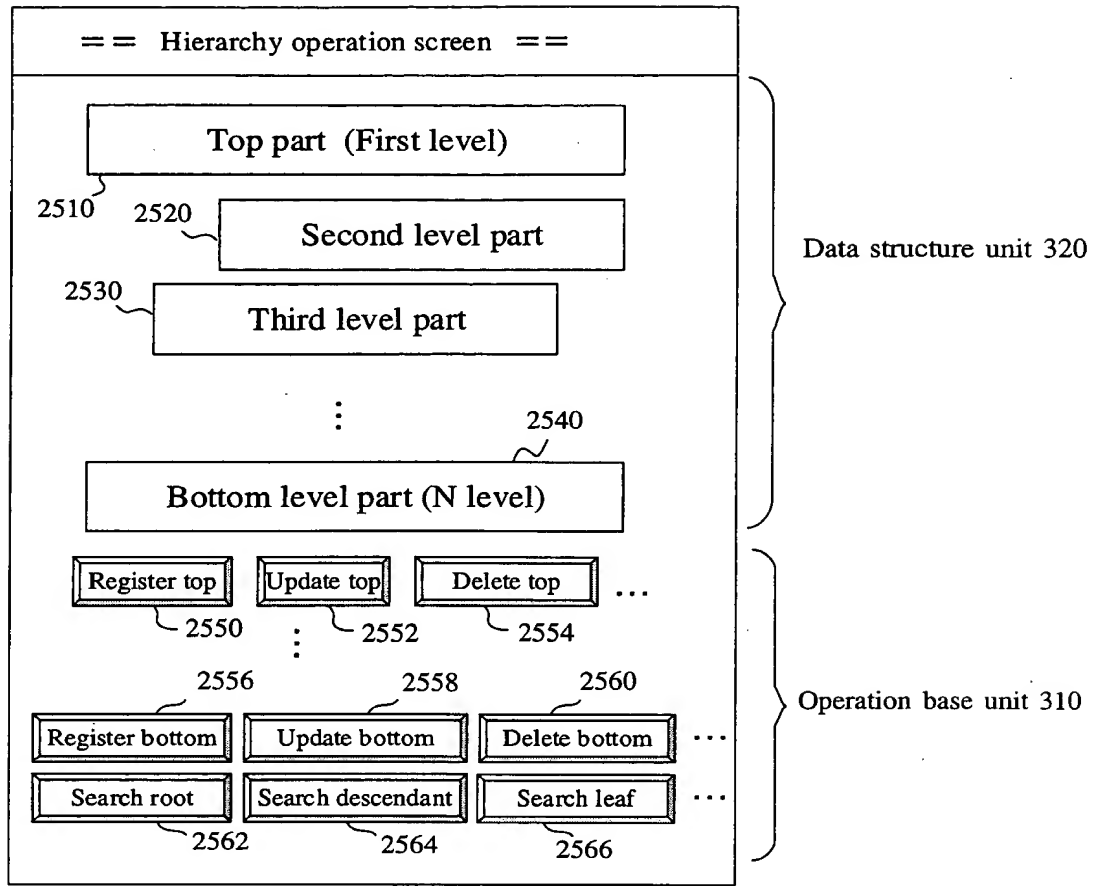


Fig.25

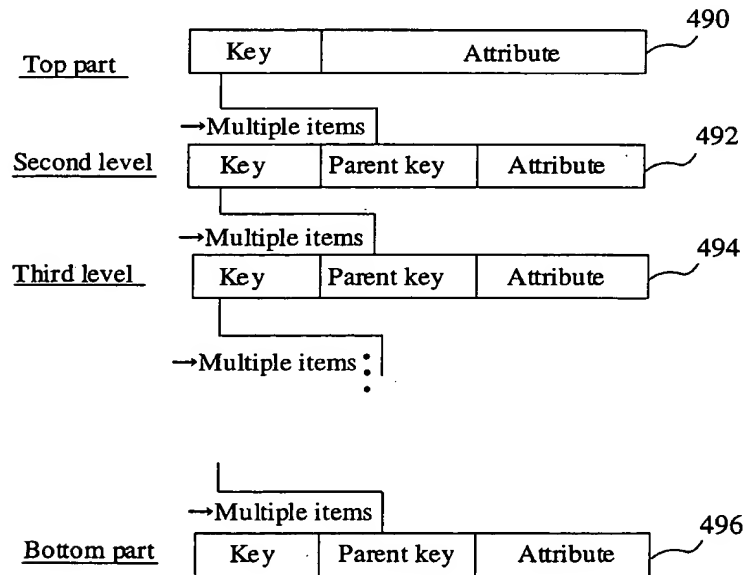


Fig.26

# == Hierarchy type structure resolution information ==

## 【Data structure resolution part】

2700

### Top part

| No | Item name                 | Key | Type   |
|----|---------------------------|-----|--------|
| 01 | Business division code    | O   | int    |
| 02 | Business division name    |     | String |
| 03 | Business division manager |     | String |
| 04 | ...                       |     |        |

2710

### Middle level part

| No | Item name              | Key | Type   |
|----|------------------------|-----|--------|
| 01 | Division code          | O   | int    |
| 02 | Division name          |     | String |
| 03 | Business division code |     | int    |
| 04 | ...                    |     |        |

2720

### Bottom part

| No | Item name     | Key | Type   |
|----|---------------|-----|--------|
| 01 | Section code  | O   | int    |
| 02 | Section name  |     | String |
| 03 | Division code |     | int    |
| 04 | ...           |     |        |

## 【Operation resolution part】

2730

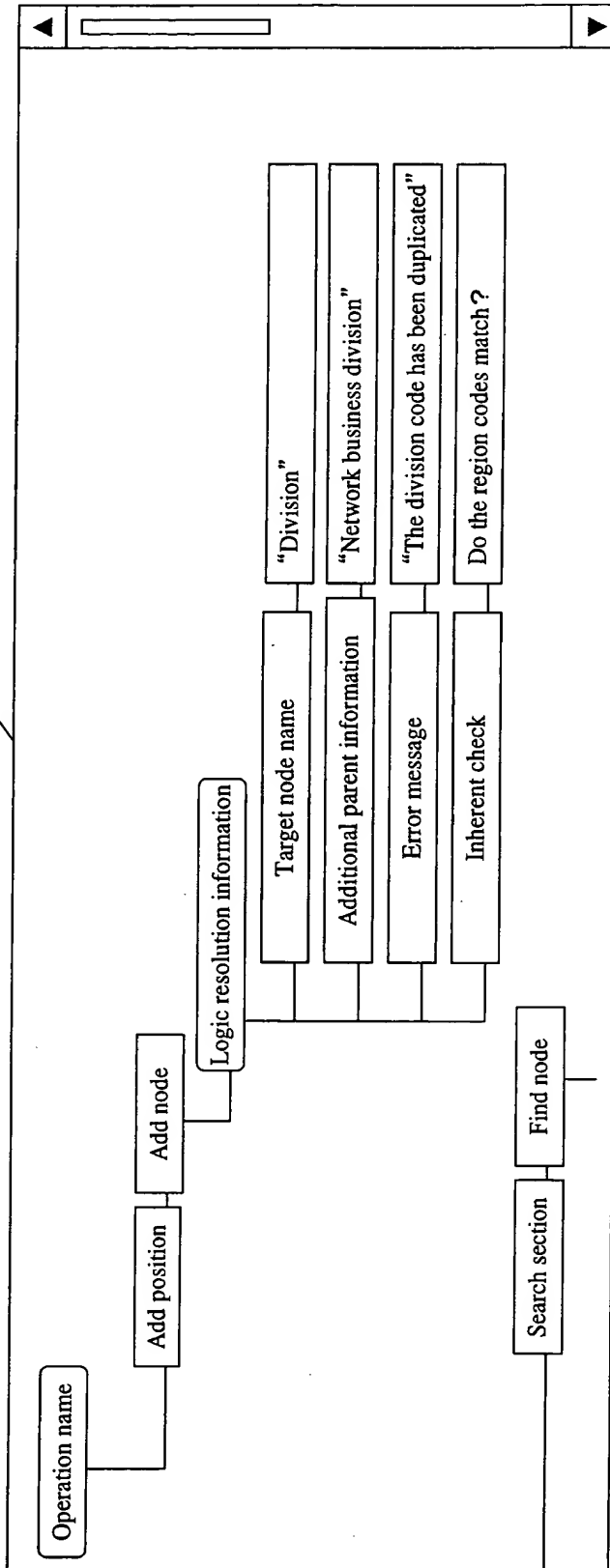


Fig.27

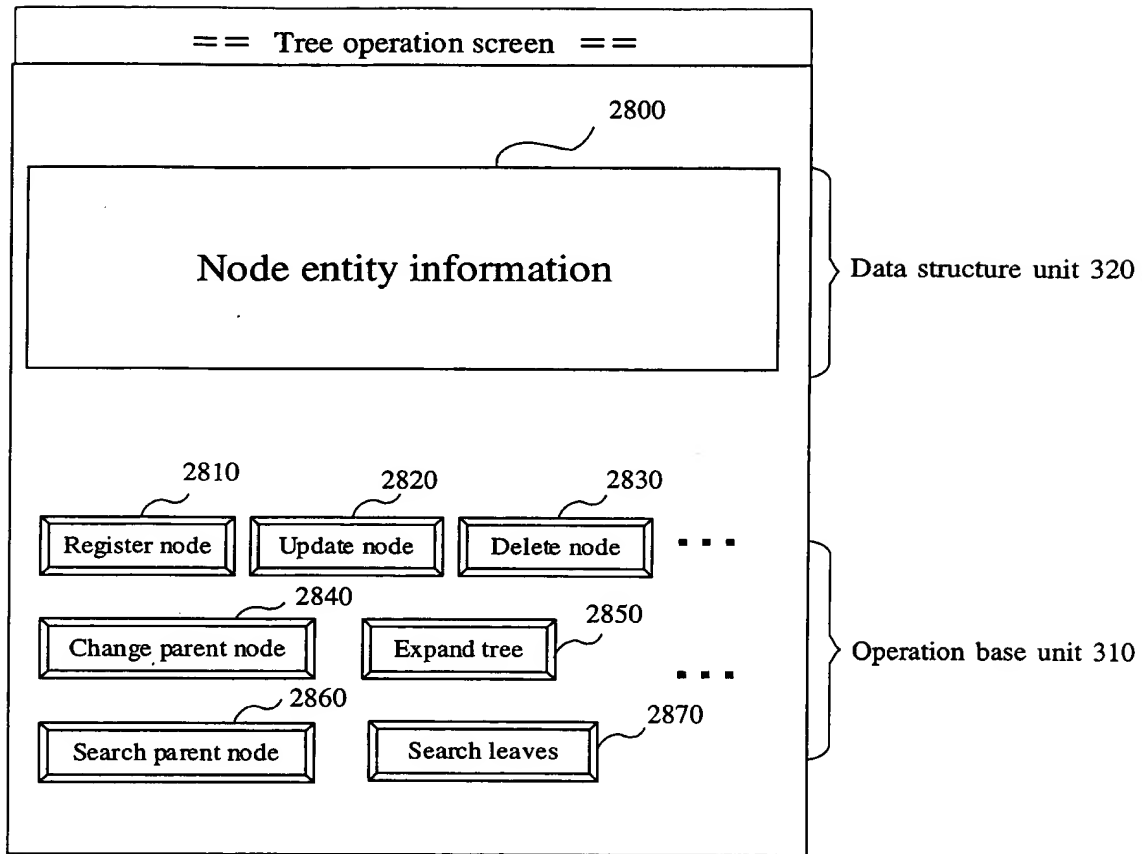


Fig.28

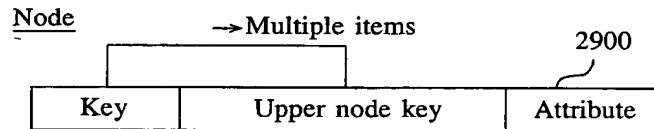


Fig.29

== Tree type structure resolution information input screen ==

【Data structure resolution part】

| Node part |                                |                       |        |
|-----------|--------------------------------|-----------------------|--------|
| No        | Item name                      | Key                   | Type   |
| 01        | Office organization code       | <input type="radio"/> | int    |
| 02        | Office organization name       |                       | String |
| 03        | Upper office organization code |                       | int    |
| 04        | ...                            |                       |        |

300

【Operation resolution part】

3010

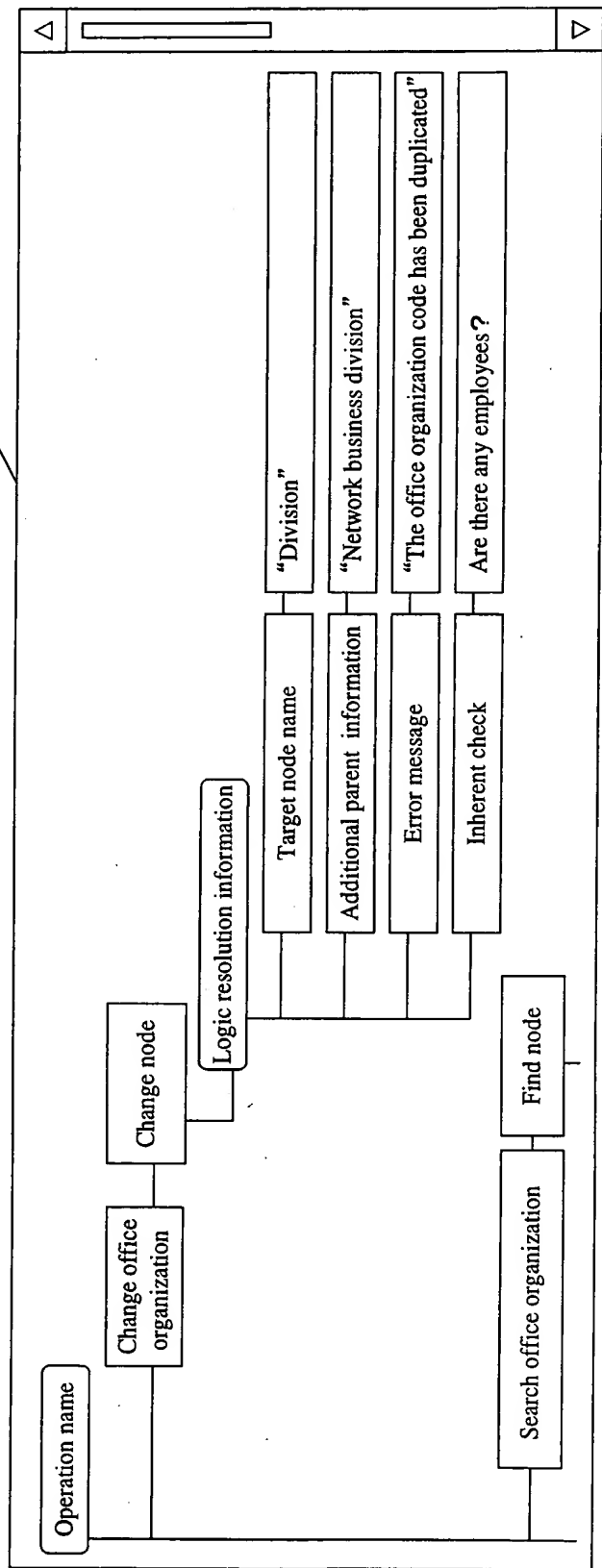


Fig.30

Fig.31a

| Sales slip  |                   |             |       |
|-------------|-------------------|-------------|-------|
| Sale number | Date order issued | Client name | Total |
| 101         | 2/14/00           | Merchant A  | 22000 |

Fig.31b

| Invoice slip   |              |             |       |
|----------------|--------------|-------------|-------|
| Invoice number | Invoice date | Invoiced to | Total |
| 201            | 2/29/00      | Merchant A  | 17000 |

Fig.31c

| Receipt slip   |              |             |       |
|----------------|--------------|-------------|-------|
| Receipt number | Invoice date | Invoiced to | Total |
| 301            | 2/29/00      | Merchant A  | 17000 |

Fig.31d

| Transaction details |                  |          |            |       |
|---------------------|------------------|----------|------------|-------|
| Detail number       | Product          | Quantity | Unit price | Price |
| 1001                | Ball point pen   | 100      | 100        | 10000 |
| 1002                | Correction fluid | 10       | 200        | 2000  |
| 1003                | Pencil           | 100      | 50         | 5000  |
| 1004                | Eraser           | 50       | 100        | 5000  |

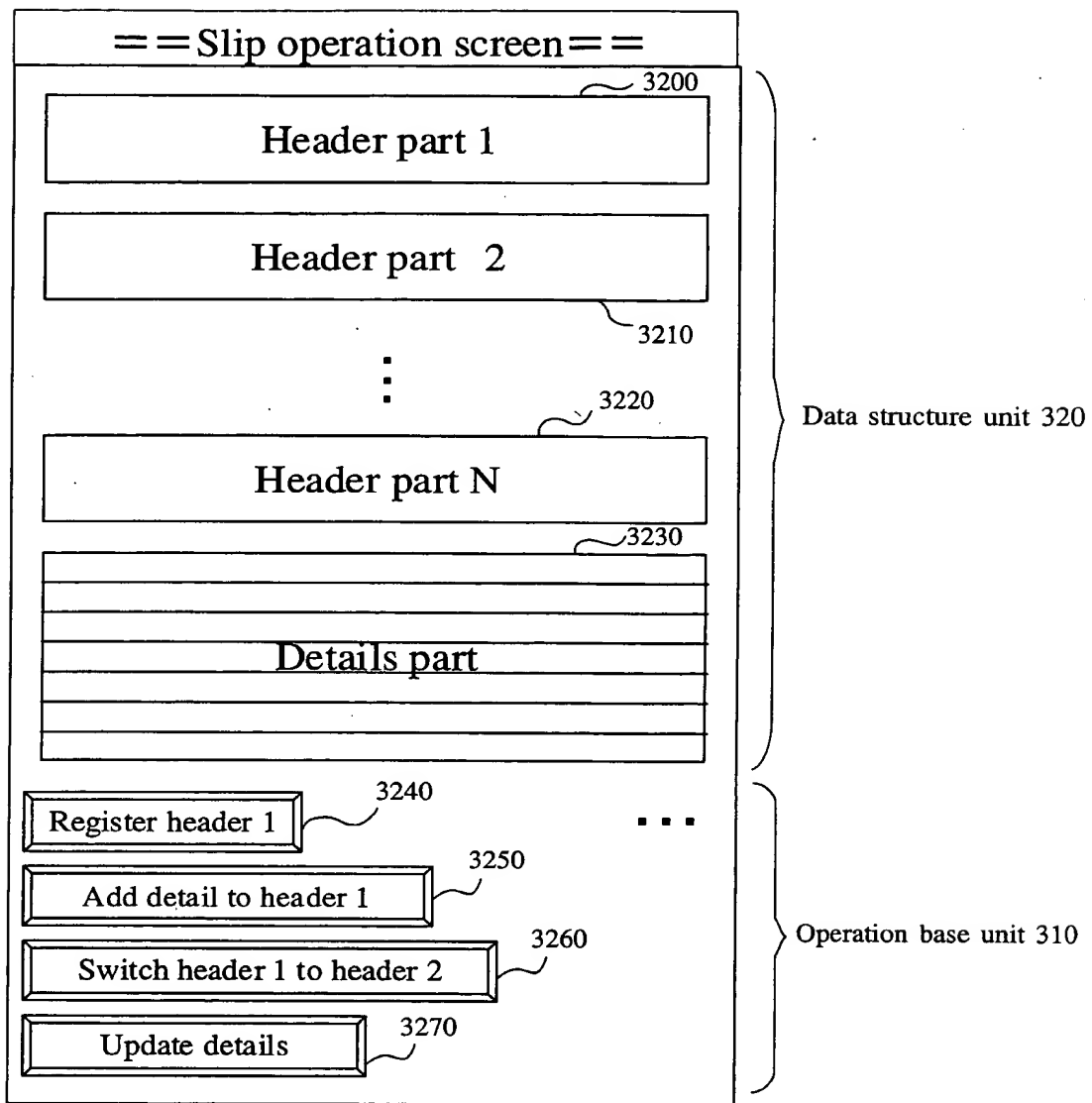


Fig.32

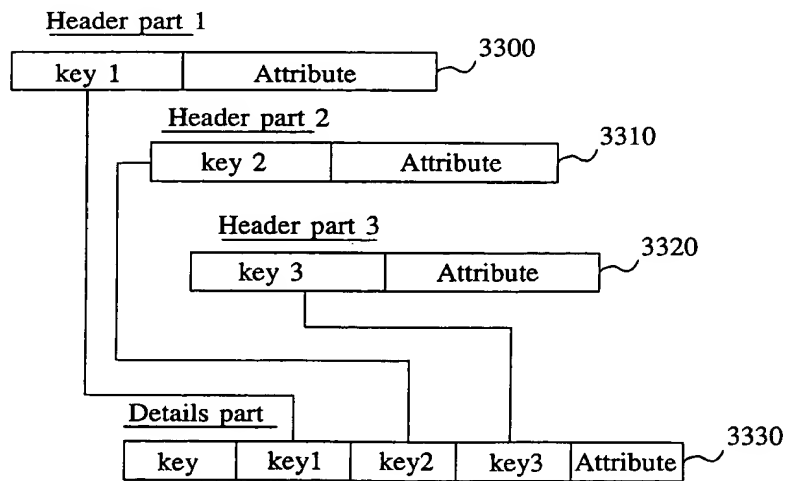


Fig.33

# == Detail-led slip type structure resolution information input screen ==

【Data structure resolution part】

3400

Header 1

| No | Item name           | Key | Type   |
|----|---------------------|-----|--------|
| 01 | Sales number        | O   | int    |
| 02 | Date order received |     | String |
| 03 | Customer name       |     | String |
| 04 | Total               |     | int    |

3410

Header 2

| No | Item name      | Key | Type   |
|----|----------------|-----|--------|
| 01 | Invoice number | O   | int    |
| 02 | Invoice date   |     | String |
| 03 | Invoiced to    |     | String |
| 04 | Total          |     | int    |

3420

Details part

| No | Item name          | Key | Type   |
|----|--------------------|-----|--------|
| 01 | Transaction number | O   | int    |
| 02 | Product            |     | String |
| 03 | Quantity           |     | String |
| 04 | Unit price         |     | int    |

【Operation resolution part】

3430

Operation name

Register sales slip

Register slip

Logic resolution information

Target node name

"Sale"

Target header additional information

"Customer name"

Error message

"We do not handle this product"

Inherent check

Has the customer's limit been exceeded?

Issue invoice

Switch header

Fig.34

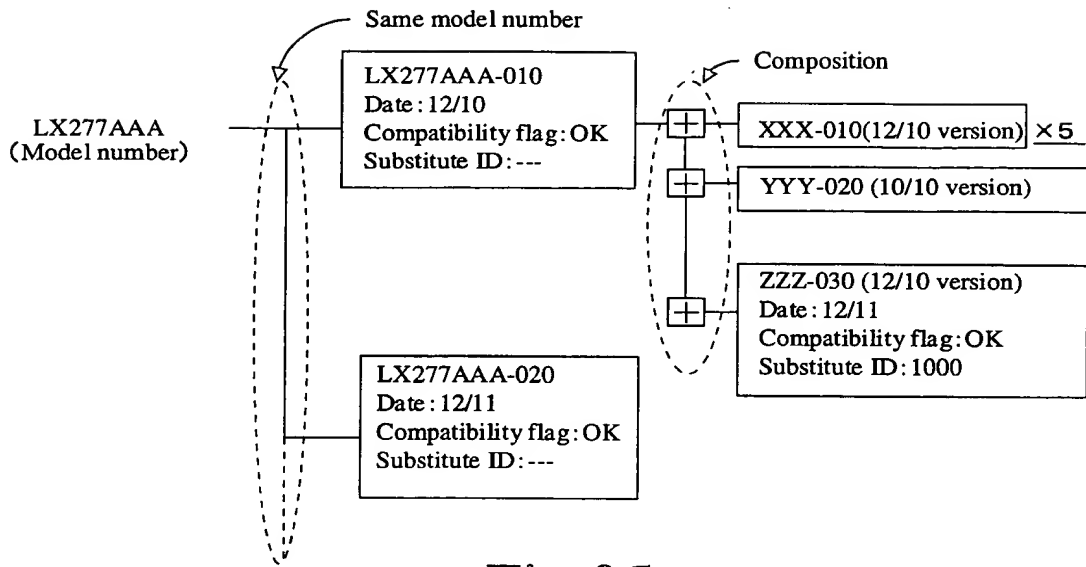


Fig.35

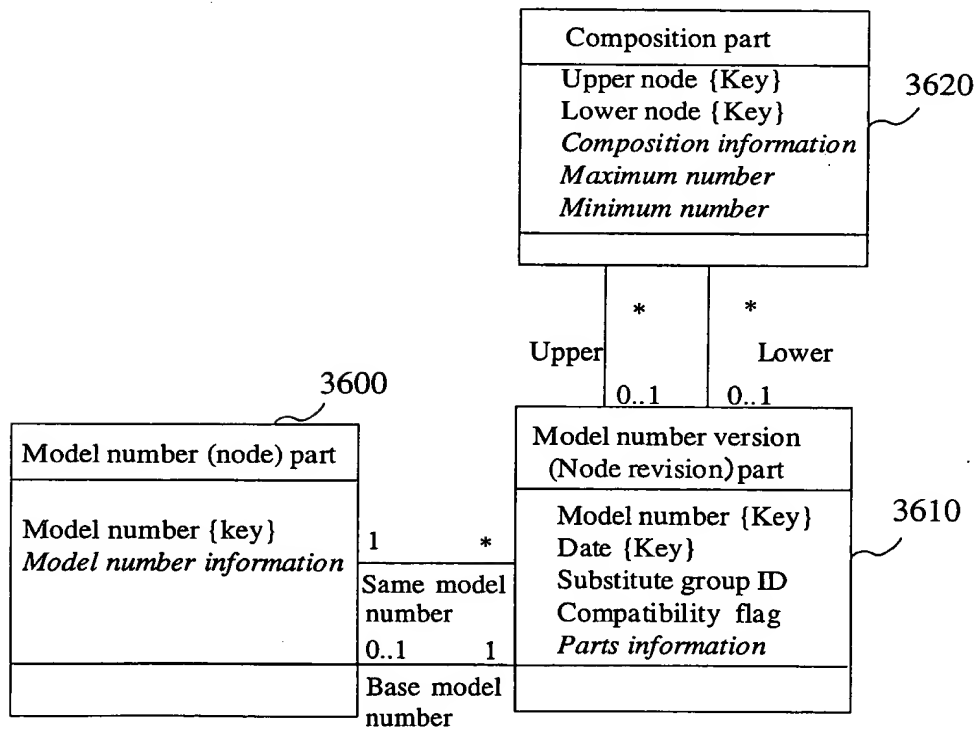


Fig.36



T0420" 258/9/60

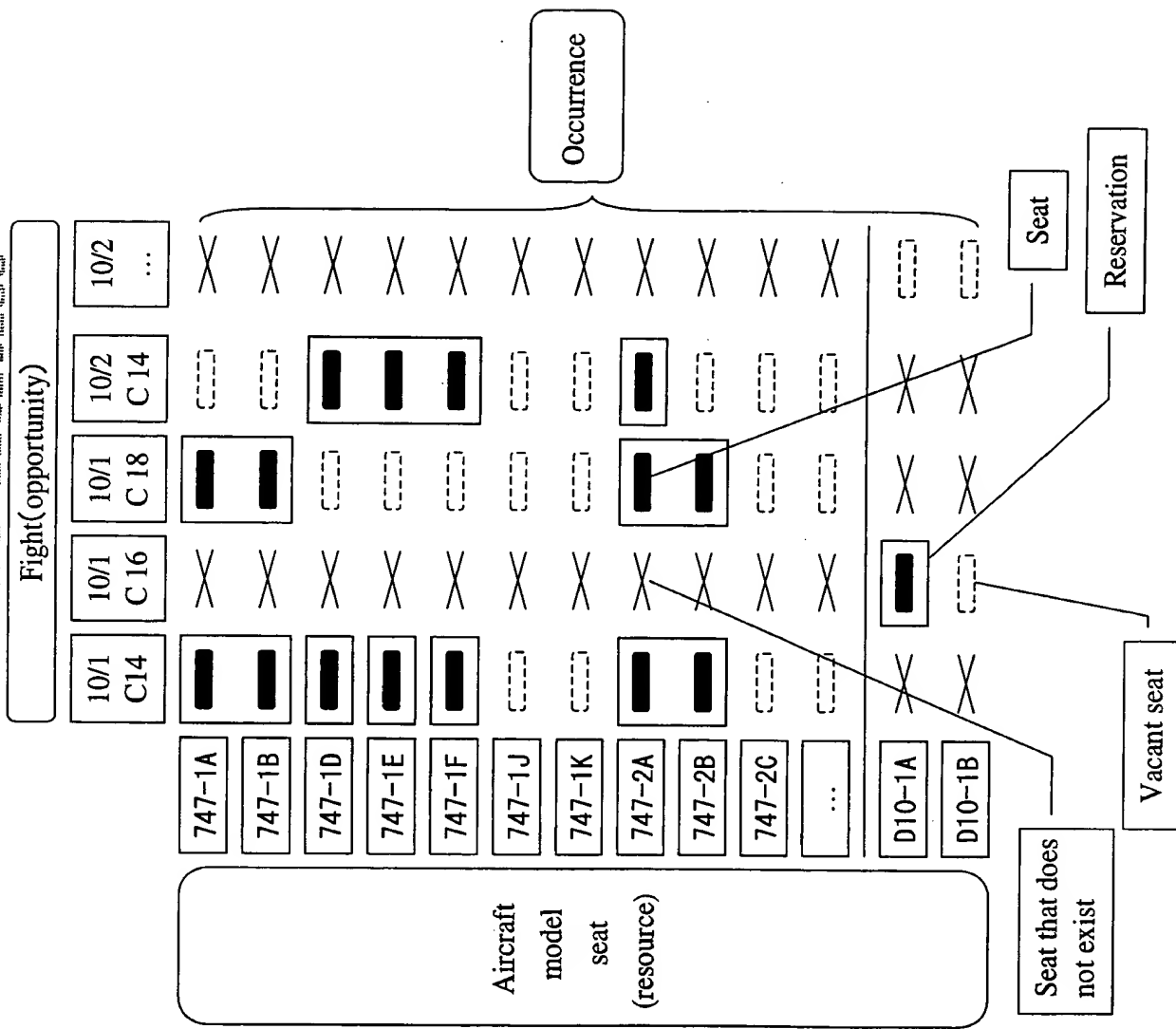


Fig.37

09767857 "012401

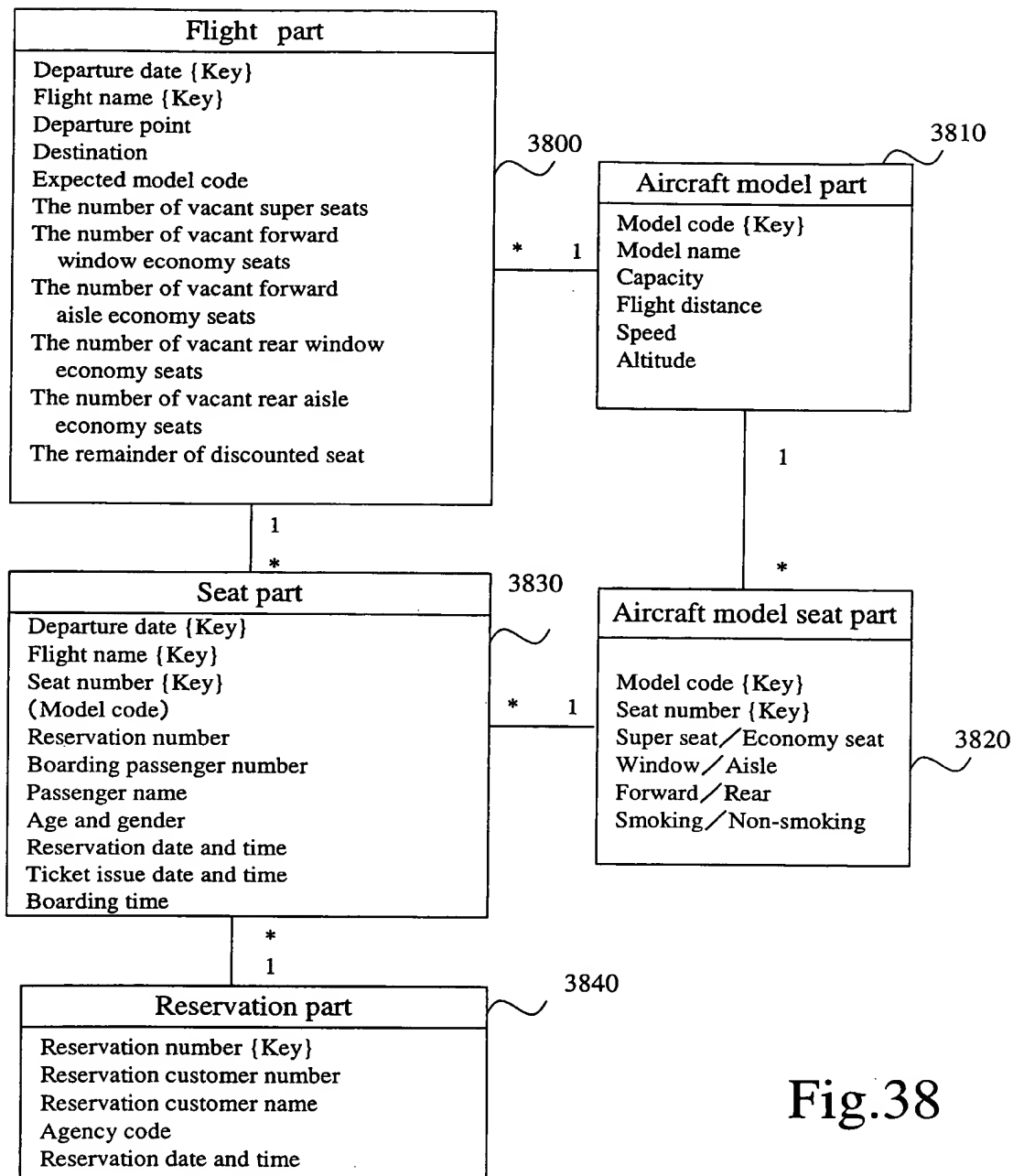


Fig.38

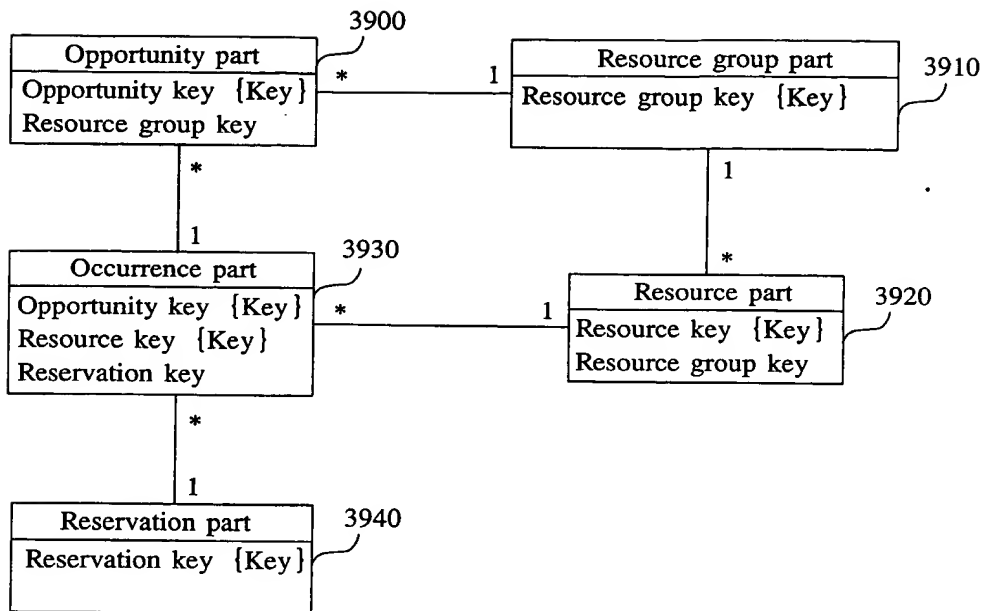


Fig.39

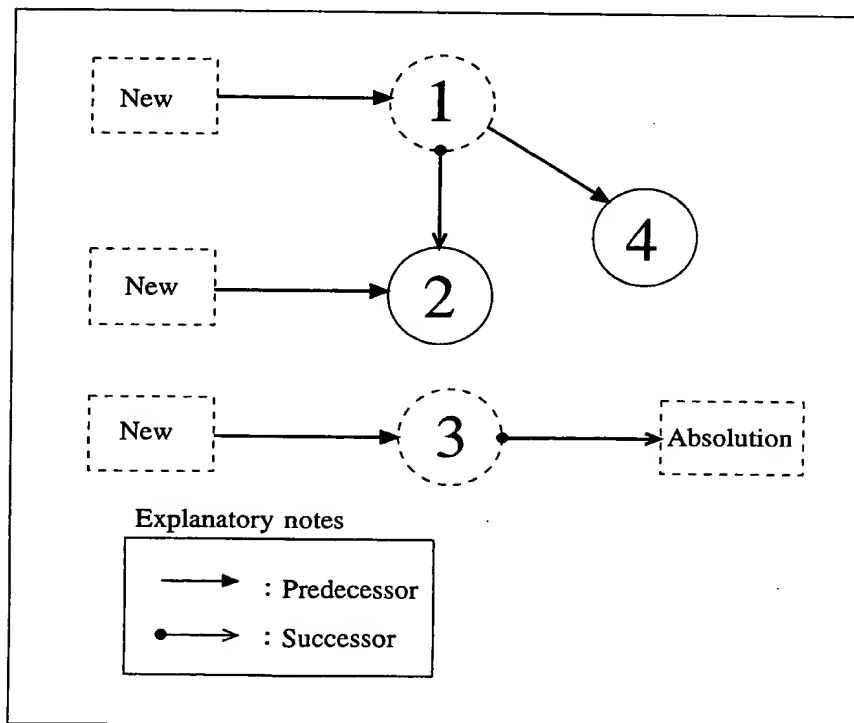


Fig.40

09767857 012401

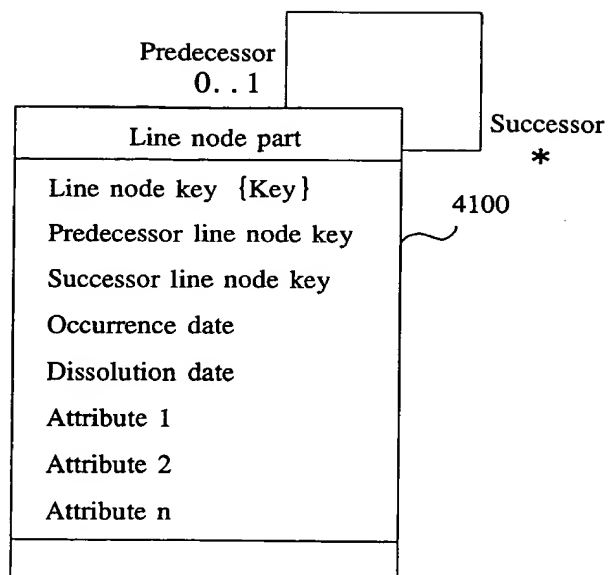


Fig.41

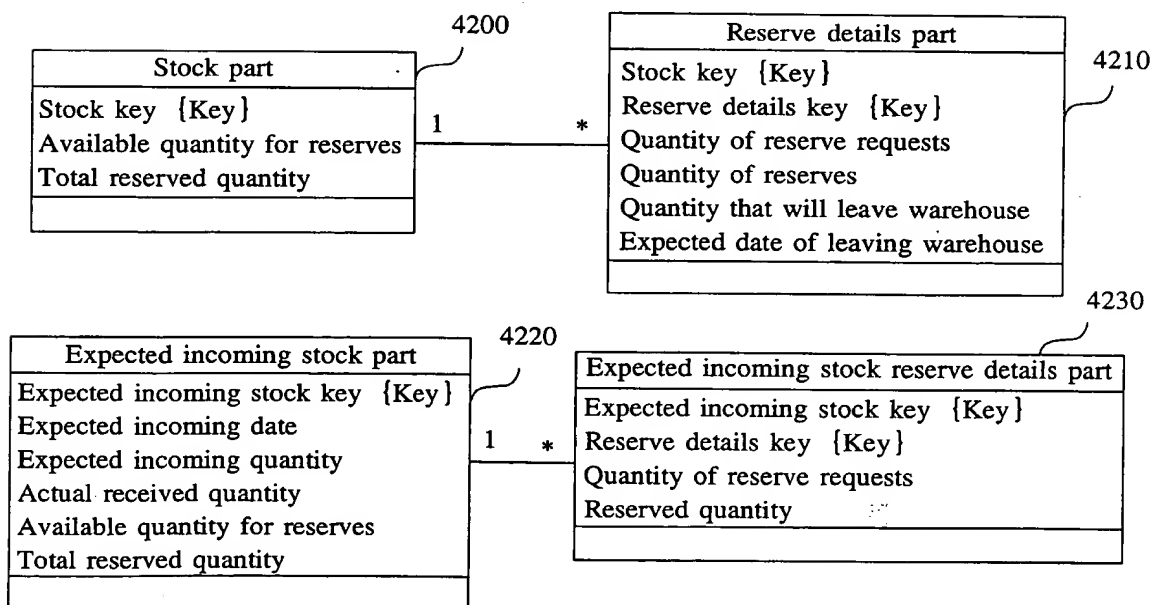


Fig.42

| Product<br>(X-axis) | Organization<br>(Y-axis) | Time (T-axis) |       |       |
|---------------------|--------------------------|---------------|-------|-------|
|                     |                          | Business year | Month | Daily |
| Product type        | Headquarters             | ○             | —     | —     |
|                     | Business division        | ○             | ○     | —     |
|                     | Section                  | —             | —     | —     |
| Model               | Headquarters             | —             | —     | —     |
|                     | Business division        | ○             | ○     | —     |
|                     | Section                  | ○             | ○     | —     |
| Product             | Headquarters             | —             | —     | —     |
|                     | Business division        | —             | ○     | —     |
|                     | Section                  | ○             | ○     | ○     |

Fig.43

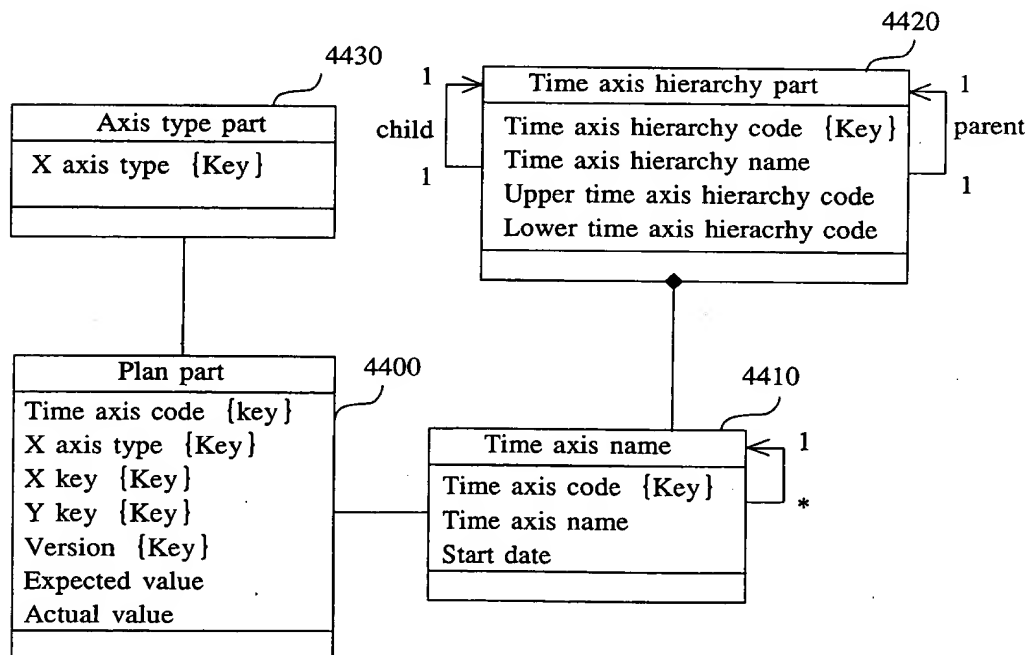


Fig.44